

Memorandum

ERM-North Central, Inc.

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To: James R. Smith, PhD., IDEM
Karen A. Vendel, USEPA

From: Roy Ball, P.E., PhD., ERM-North Central

Date: September 14, 1993

Subject: Enviro-Chem Superfund Site
Site Preparation and Material Removal
Monthly Progress Report #1: August 26 thru September 10, 1993



This Monthly Progress Report has been prepared in accordance with "Section 01310 Progress Schedules and Reports" of the "Technical Specifications for Site Preparation and Material Removal Final Design Enviro-Chem Superfund Site" dated December 1992.

Completed Activities

- The chemicals in the A-Frame Building have been recontained and placed within the remedial boundary.
- The site access area has been cleared and grubbed.
- Samples collected from the Process Building porous materials have been submitted to Heritage Laboratories (Heritage) of Indianapolis, Indiana, for RCRA TCLP analysis for the parameters listed on Table 7-2 of the "Laboratory Quality Assurance Project Plan" dated May 1993. Analytical results are expected by September 20, 1993.
- The initial site survey work, including the establishment of survey lines for the support and exclusion zones and site fencing, has been completed at the site.
- The on-site construction fence has been installed in all of the areas designated in the December 1992 Technical Specification with provision for the required access for the Bankerts.

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- Soil samples were collected from the decontamination pad location prior to the placement of subgrade. These samples were submitted to Heritage for analysis of volatile organic compounds, semivolatile organic compounds, and RCRA 8 metals. Analytical results are expected by September 23, 1993.



Encountered Problems and Solutions

- Tim Harrison, a representative of CH2M-Hill USEPA oversight, identified a construction item in the May 1993 Technical Specifications that was not included in the December 1992 Technical Specifications or in the subsequent changes approved by USEPA. This led to the scrutiny of the two sets of plans and the identification of two additional differences. None of these items were significant, but because these differences were not viewed as approved items by USEPA, they required and received approval. Should any such items be identified in the future, AWD Technologies, Inc. (AWD) will draft a letter to the USEPA requesting approval as a change from the approved plan.
- On September 3, 1993, AWD located an unknown drum in the A-Frame Building with a red gel material around the base and assumed the drum was leaking. The drum was labeled "High Grade Diesel Oil." As indicated in the December 1992 Technical Specification for approaching an unknown drum, the material was monitored with an organic vapor meter, and no organic vapors were detected. AWD personnel were pulled out of the building, and the laboratory-packing ceased. The following day, AWD approached the drum equipped with Level B personal protective equipment. The drum was opened, and was

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found to contain a white crystalline material. This material was transferred to a new drum and staged with the other materials from the A-Frame Building.



Activities To Be Conducted From September 14, 1993 through October 14, 1993:

A revised progress schedule, provided to ERM-North Central, Inc. by AWD and included with this memo, will be followed during the subsequent work tasks.

- The clearing and grubbing of the site will be completed, and the A-Frame Building will be demolished.
- Rough grading of the support zone will be completed.
- Waste characterization and analysis will be completed for debris (including demolition materials), to be removed from the site.
- The decontamination pad will be installed at the site.
- The construction of roads, drainage ditches, and the site fencing will be completed.
- The wastewater storage pad will be installed at the site.

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